

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	93	@ad<="20031230" and 'solder ball' and 'compliant pad'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/18 08:23
L2	20	@ad<="20031230" and 'solder ball' same 'compliant pad'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/18 08:13
L4	1230	@ad<="20031230" and 'solder ball' and ('compliant' or 'stress') with 'pad'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/18 08:25
L5	342	@ad<="20031230" and 'solder ball' and 'compliant' with 'pad'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/18 08:25
L6	25	@ad<="20031230" and 'solder ball' and 'compliant' with 'bonding pad'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/18 08:39
L7	307	@ad<="20031230" and 'young modulus' with 'copper'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/18 08:45
L8	307	@ad<="20031230" and 'copper' with 'young' adj1 'modulus'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/18 09:19
L9	13	@ad<="20031230" and 'compliant material' same 'polymer' same 'dielectric' same 'metal'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/18 10:12
L10	2	("5148266").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/18 10:12
S1	9	("5796163" "6201305" "6586676" "6624504").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 16:09

S2	6859	@ad<="20031230" and (257/668). ccls. or (257/737-738).ccls. or (257/780-781).ccls. or (257/E21. 503).ccls. or (257/E23.119).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 14:34
S3	5226	@ad<="20031230" and (257/734). ccls. or (257/784).ccls. or (257/779).ccls. or (257/786).ccls. or (257/792).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 12:17
S4	1	@ad<="20031230" and (257/668). ccls. and 'solder contact' same 'pad' same 'flexible'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 14:24
S5	1	@ad<="20031230" and (257/668). ccls. and 'bonding pad' same 'modulus'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 13:37
S6	44	@ad<="20031230" and (257/668). ccls. and 'bonding pad' same 'flexible'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 13:41
S7	3	@ad<="20031230" and (257/668). ccls. and 'bonding pad' same 'compliant layer'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 08:57
S8	1	"6147401".PN.	USPAT; USOCR	OR	ON	2005/02/03 13:45
S9	1	"6043563".PN.	USPAT; USOCR	OR	ON	2005/02/03 13:47
S10	1	"5885849".PN.	USPAT; USOCR	OR	ON	2005/02/03 13:48
S11	1	"4736236".PN.	USPAT; USOCR	OR	ON	2005/02/03 13:52
S12	1	"4670770".PN.	USPAT; USOCR	OR	ON	2005/02/03 13:52
S13	1	"4612566".PN.	USPAT; USOCR	OR	ON	2005/02/03 13:53
S14	1	"4527330".PN.	USPAT; USOCR	OR	ON	2005/02/03 13:53
S15	1	"4413308".PN.	USPAT; USOCR	OR	ON	2005/02/03 13:53
S16	1	"4232512".PN.	USPAT; USOCR	OR	ON	2005/02/03 13:54
S17	1	"4215359".PN.	USPAT; USOCR	OR	ON	2005/02/03 13:56
S18	1	"4200975".PN.	USPAT; USOCR	OR	ON	2005/02/03 13:56

S19	4	@ad<="20031230" and (257/668). ccls. and 'bonding pad' same 'compliant'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 14:05
S20	1	"6147401".PN.	USPAT; USOCR	OR	ON	2005/02/03 13:58
S21	1	"6043563".PN.	USPAT; USOCR	OR	ON	2005/02/03 13:58
S22	1	"5929517".PN.	USPAT; USOCR	OR	ON	2005/02/03 13:58
S23	1	"5885849".PN.	USPAT; USOCR	OR	ON	2005/02/03 13:59
S24	1	"5749997".PN.	USPAT; USOCR	OR	ON	2005/02/03 13:59
S25	1	"5679977".PN.	USPAT; USOCR	OR	ON	2005/02/03 14:00
S26	1	"5666270".PN.	USPAT; USOCR	OR	ON	2005/02/03 14:01
S27	1	"5180311".PN.	USPAT; USOCR	OR	ON	2005/02/03 14:02
S28	1	@ad<="20031230" and (257/668). ccls. and 'bonding pad' same 'Resilient'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 14:08
S29	3	@ad<="20031230" and (257/668). ccls. and 'pad' same 'compliance'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 14:09
S30	111	@ad<="20031230" and 'bonding pad' same 'Resilient'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 14:09
S31	12	@ad<="20031230" and 'bonding pad' same 'Resilience'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 14:09
S33	30	@ad<="20031230" and (257/668). ccls. and 'pad' same 'compliant'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 15:04
S34	44	@ad<="20031230" and 'bonding pad' same 'compliance'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 14:10

S35	136	@ad<="20031230" and 'bonding pad' same 'compliant'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 14:10
S36	3	@ad<="20031230" and 'solder contact' same 'pad' same 'modulus'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 14:11
S37	919	@ad<="20031230" and 'pad' with 'modulus'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 17:12
S38	11	@ad<="20031230" and 'solder' and 'pad' with 'different' with 'modulus'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 14:13
S39	3685	@ad<="20031230" and (257/668).ccls. or (257/737-738).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 14:34
S40	1	"6049130".PN.	USPAT; USOCR	OR	ON	2005/02/03 14:35
S41	1	"6034431".PN.	USPAT; USOCR	OR	ON	2005/02/03 14:36
S42	570	@ad<="20031230" and 'compliant contact'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 15:05
S43	74	@ad<="20031230" and 'solder ball' and 'compliant contact'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 15:05
S44	1	"6333563".PN.	USPAT; USOCR	OR	ON	2005/02/03 15:18
S45	1	"6221697".PN.	USPAT; USOCR	OR	ON	2005/02/03 15:19
S46	1	"6443351".PN.	USPAT; USOCR	OR	ON	2005/02/03 15:22
S47	1	"6409073".PN.	USPAT; USOCR	OR	ON	2005/02/03 15:23
S48	1	"6396156".PN.	USPAT; USOCR	OR	ON	2005/02/03 15:23
S49	1	"6369451".PN.	USPAT; USOCR	OR	ON	2005/02/03 15:24
S50	1	"6333104".PN.	USPAT; USOCR	OR	ON	2005/02/03 15:24

S51	20	@ad<="20031230" and 'bonding pad' with 'modulus'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 15:44
S53	219	@ad<="20031230" and 'bonding pad' and 'solder ball' and 'compliant'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 15:45
S54	81	@ad<="20031230" and 'bonding pad' and 'solder ball' and 'compliant layer'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 15:45
S55	11	((("6333559") or ("6376279") or ("6541844") or ("6465867") or ("6204165"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/04 08:49
S56	2	("6211572").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/04 08:49
S57	1	"5874782".PN.	USPAT; USOCR	OR	ON	2005/02/04 08:50
S58	1	"5777379".PN.	USPAT; USOCR	OR	ON	2005/02/04 08:52
S59	1	"5679977".PN.	USPAT; USOCR	OR	ON	2005/02/04 08:57
S61	233	@ad<="20031230" and 'compliant' with 'packaging'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 08:58
S62	92	@ad<="20031230" and 'bonding pad' and 'compliant' with 'package'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 08:59
S63	2	@ad<="20031230" and 'bonding pad' same 'compliant' with 'packaging'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 08:59
S64	1	"5001302".PN.	USPAT; USOCR	OR	ON	2005/06/17 14:23
S69	1	"5777379".PN.	USPAT; USOCR	OR	ON	2005/06/17 14:36
S70	1	"5677576".PN.	USPAT; USOCR	OR	ON	2005/06/17 14:36

S73	1	"6333565".PN.	USPAT; USOCR	OR	ON	2005/06/17 15:18
S74	1	"6277669".PN.	USPAT; USOCR	OR	ON	2005/06/17 15:21
S75	117	@ad<="20031230" and 'solder ball' same 'contact pad' same 'flexible'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 16:04
S76	570	@ad<="20031230" and 'solder ball' and 'contact pad' and 'compliant'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 15:23
S77	607	@ad<="20031230" and 'contact pad' same 'compliant'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 15:23
S78	1289	@ad<="20031230" and 'contact pad' same 'resilient'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 15:23
S79	13	@ad<="20031230" and 'solder ball' with 'contact pad' same 'resilient'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 15:43
S80	18	@ad<="20031230" and 'solder ball' with 'contact pad' same 'compliant'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 15:45
S81	1543	@ad<="20031230" and 'pad' same 'contact' same 'compliant'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 15:24
S82	8	@ad<="20031230" and 'solder ball' same 'contact pad' with 'compliant'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 15:25
S83	77	@ad<="20031230" and 'solder ball' and 'contact pad' with 'compliant'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 16:18
S84	1	"5956235".PN.	USPAT; USOCR	OR	ON	2005/06/17 15:32
S85	1	"5868304".PN.	USPAT; USOCR	OR	ON	2005/06/17 15:32

S86	81	@ad<="20031230" and 'solder ball' and 'contact pad' with 'resilient'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 15:43
S87	8	@ad<="20031230" and 'solder ball' same 'contact pad' with 'compliant'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 15:45
S89	739	@ad<="20031230" and 'contact pad' with 'resilient'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 16:05
S90	302	@ad<="20031230" and 'contact pad' with 'compliant'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 16:12
S91	57	@ad<="20031230" and 'bonding pad' with 'compliant'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 16:12
S92	58	@ad<="20031230" and 'bonding pad' with 'resilient'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 16:12
S93	576	@ad<="20031230" and 'bonding pad' with 'flexible'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/17 16:12
S94	1	"6147401".PN.	USPAT; USOCR	OR	ON	2005/06/17 16:14
S95	1	"6043563".PN.	USPAT; USOCR	OR	ON	2005/06/17 16:14
S97	1086	@ad<="20031230" and 'compliant' and 'solder balls' and 'pad'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 08:37
S99	70	@ad<="20031230" and 'compliant' and 'solder balls' and 'copper' and 'TCE'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 17:22
S10 0	1	"6503777".PN.	USPAT; USOCR	OR	ON	2005/06/27 08:41
S10 1	1	"6394819".PN.	USPAT; USOCR	OR	ON	2005/06/27 08:41

S10 2	6	("5943597") or ("6028364") or ("6394819").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 16:10
S10 3	3	("6806570").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 16:15
S10 4	1	"6503777".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:15
S10 5	1	"6394819".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:15
S10 6	1	"6064576".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:16
S10 7	1	"6028364".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:16
S10 8	1	"5602422".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:16
S10 9	2	("6720212").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/17 16:17
S11 0	9	@ad<="20031230" and 'solder ball' same 'contact pad' with 'compliant'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 16:21
S11 1	41	@ad<="20031230" and 'contact pad' with 'compliant layer'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 16:21
S11 2	184	@ad<="20031230" and 'pad' with 'compliant layer'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 16:22
S11 3	302	@ad<="20031230" and 'pad' with 'compliant material'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/18 08:12
S11 4	74	@ad<="20031230" and 'solder' and 'pad' with 'compliant material'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 16:44
S11 5	1	"6743660".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:28

S11 6	1	"6433427".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:28
S11 7	1	"6235552".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:30
S11 8	1	"6277669".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:31
S11 9	1	"6197613".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:32
S12 0	1	"6187680".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:33
S12 1	1	"6187615".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:33
S12 2	1	"6163463".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:34
S12 3	1	"6235552".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:34
S12 4	1	"6071755".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:34
S12 5	1	"5851911".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:35
S12 6	1	"5969424".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:35
S12 7	1	"6033939".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:36
S12 8	1	"6037044".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:36
S12 9	210	@ad<="20031230" and 'solder' and 'bonding pad' with 'stress'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 16:44
S13 0	71	@ad<="20031230" and 'solder' same 'bonding pad' with 'stress'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 16:54
S13 1	30	@ad<="20031230" and 'solder' same 'bonding pad' same 'compliant'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 16:54
S13 2	1	"6838368".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:55
S13 3	1	"6809020".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:55
S13 4	1	"6413845".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:56
S13 5	1	"6125043".PN.	USPAT; USOCR	OR	ON	2005/10/17 16:56

S13 6	72	@ad<="20031230" and 'compliant' and 'solder balls' and 'copper' and 'TCE'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 17:00
S13 7	1	"20020089058".PN.	US-PGPUB	OR	ON	2005/10/17 17:02
S13 8	1	"6638870".PN.	USPAT; USOCR	OR	ON	2005/10/17 17:02
S13 9	1	"6337445".PN.	USPAT; USOCR	OR	ON	2005/10/17 17:03
S14 0	1	"6147401".PN.	USPAT; USOCR	OR	ON	2005/10/17 17:04
S14 1	22	@ad<="20031230" and 'bonding pad' with 'modulus'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 17:12
S14 2	28	@ad<="20031230" and 'bond pad' with 'modulus'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 17:12
S14 3	191	@ad<="20031230" and 'stress buffer' and ('ball' or 'bump') and 'pad'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 17:23
S14 4	38	@ad<="20031230" and 'stress buffer' and ('ball' or 'bump') and 'pad' and 'modulus'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 17:23
S14 5	1	"6743660".PN.	USPAT; USOCR	OR	ON	2005/10/17 17:29
S14 6	1	"6433427".PN.	USPAT; USOCR	OR	ON	2005/10/17 17:30
S14 7	1	"6277669".PN.	USPAT; USOCR	OR	ON	2005/10/17 17:30
S14 8	1	"6235552".PN.	USPAT; USOCR	OR	ON	2005/10/17 17:30
S14 9	1	"6189208".PN.	USPAT; USOCR	OR	ON	2005/10/17 17:31